In the Claims:

- 1 (Currently Amended) A method of performing a cardiac procedure,
- 2 comprising the steps of for:
- 3 (a) making a subxiphoid incision to provide an entry point for an endoscopic
- 4 cannula, wherein said endoscopic cannula has having at least one access port;
- 5 (b) inserting said a rigid endoscopic cannula into the incision having a
- 6 transparent tip at a distal end thereof;
- 7 (c) advancing the tip of said endoscopic cannula through tissue to the
- 8 pericardium under endoscopic visualization through the tip; and
- 9 (d) advancing a surgical instrument through said at least one access port of
- 10 said endoscopic cannula.
- 1 2. (Currently Amended) A method according to claim 1, further
- 2 comprising the steps of for:
- 3 (e) after step (c) and before step (d), providing an opening in the pericardium
- 4 for the advancement of said endoscopic cannula into the pericardium;
- 5 (f) after step (e) and before step (d), advancing said endoscopic cannula into
- 6 the pericardium through said opening; and
- 7 (g) after step (d), performing the surgical procedure on the heart.

- 1 3. (Original) The method of claim 1, wherein the subxiphoid incision has
 2 a length no longer than required for insertion of the endoscopic cannula.
- 4. (Original) The method of claim 1, wherein only a single subxiphoid incision is made.
- 5. (Original) The method of claim 1, wherein at least one additional subxiphoid incision is made during step (a), and the method also includes the step of:
- 4 (e) inserting an additional surgical instrument through said at least one 5 additional incision.
- 6. (Currently Amended) The method of claim 1, further comprising:

 (e) before step (b), using a dilation tool laterally expanding a passage

 through tissue from the subxiphoid incision to provide a dilated cavity to facilitate insertion of the endoscopic cannula.
- 7. (Currently Amended) The method of claim 2, wherein said opening in the pericardium is provided by manipulating a pericardial an entry instrument through the at least one access port of the rigid endoscopic cannula.

- 1 8. (Withdrawn) The method of claim 7, wherein the endoscopic cannula
- 2 has a lumen and the pericardial entry instrument is advanced to the pericardium
- 3 through the lumen.
- 1 9. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a stapler for stapling off the atrial appendage.
- 1 10. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is an ablation device.
- 1 11. (Original) The method of claim 1, wherein said surgical instrument
- 2 advanced in step (d) is a device for performing epicardial mapping.
- 1 12. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a device for performing intrapericardial drug
- 3 delivery.
- 1 13. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a device for performing a myocardial biopsy.
- 1 14. (Previously Cancelled)
- 1 15. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a needle for injecting cardiac muscle cells or
- 3 undifferentiated satellite cells for cellular cardiomyoplasty.

- 1 16. (Withdrawn) The method of claim 1, wherein said surgical
- instrument advanced in step (d) is a cannula for injecting pharmacological agents
- 3 for angiogenesis.
- 1 17. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a robotic, cutting, stabilizing, or anastomotic
- 3 instrument for performing coronary artery bypass or coronary artery bypass
- 4 grafting.
- 1 18. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is an energy probe or mechanical piercing element
- 3 for piercing the heart muscle for transmyocardial revascularization.
- 1 19. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a device for creating a pericardial window.
- 1 20. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a stapler for stapling off the atrial appendage.
- 1 21. (Withdrawn) The method of claim 1, wherein said surgical
- 2 instrument advanced in step (d) is a suture loop for cinching off the atrial
- 3 appendage.

- 1 22. (Withdrawn) The method of claim 1, wherein said surgical instrument advanced in step (d) is a clip for sealing off the atrial appendage.
- 1 23. (Currently Amended) The method of claim 2, wherein said
 2 endoscopic cannula is advanced during step (f) to opening is formed at a location
 3 near the apex of the heart.
- 1 24. (Currently Amended) The method of claim 2, wherein the <u>rigid</u>
 2 endoscopic cannula is advanced during step (f) to a location at the anterior region
 3 of the heart and is then swept to <u>throughout regions including</u> the posterior region
 4 of the heart.
- 1 25. (Currently Amended) The method of claim 2, wherein step (e) includes the steps of for:
- gripping a flap of the pericardium under endoscopic visualization using a

 pericardial an entry instrument introduced through the at least one access port of

 the endoscopic cannula; and
- cutting said flap of the pericardium while spaced away from the underlying

 heart to create an opening in the pericardium under endoscopic visualization.
- 1 26. (Currently Amended) The method of claim 25, wherein step (e)
 2 further comprises the step of for:

- aligning the pericardial entry instrument substantially tangentially to the
- '4 pericardium under endoscopic visualization while gripping the flap of the
- 5 pericardium.
- 1 27. (Currently Amended) The method of claim 25, wherein the cutting
- 2 step further comprises cutting the flap of the pericardium while spaced away from
- 3 the underlying heart.
- 1 28. (Withdrawn) A method of performing a surgical procedure on a
- 2 mediastinal organ other than the heart, comprising the steps of:
- 3 (a) making a subxiphoid incision to provide an entry point for an endoscopic
- 4 cannula, wherein said endoscopic cannula has at least one access port;
- 5 (b) inserting said endoscopic cannula into the incision;
- 6 (c) advancing said endoscopic cannula to a surgical site within the
 - mediastinum under endoscopic visualization; and
- 8 (d) advancing a surgical instrument through said at least one access port of
- 9 said endoscopic cannula.
- 1 29. (Withdrawn) The method of claim 28, further comprising the step of:
- 2 (e) after step (d), performing the surgical procedure on said mediastinal
- 3 organ.

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- 1 30. (Withdrawn) The method of claim 28, wherein the subxiphoid
- 2 incision has a length no longer than required for insertion of the endoscopic
- 3 cannula.
- 1 31. (Withdrawn) The method of claim 28, wherein only a single
- 2 subxiphoid incision is made.
- 1 32. (Withdrawn) The method of claim 28, wherein at least one additional
- 2 subxiphoid incision is made during step (a), and the method also includes the step
- 3 of:
- 4 (e) inserting an additional surgical instrument through said at least one
- 5 additional incision.
- 1 33. (Withdrawn) The method of claim 28, further comprising:
- 2 (e) before step (b), using a dilation tool to provide a dilated cavity to
- 3 facilitate insertion of the endoscopic cannula.
- 1 34. (Currently Amended) A method of performing a cardiac procedure
- with an <u>a rigid</u> endoscopic cannula having an <u>a laterally</u> expandable sheath
- overlying the endoscopic cannula, comprising: the steps for:
- 4 (a) incising skin overlying an entry point for the cardiac procedures;
- 5 (b) inserting an the rigid endoscopic cannula with an the expandable sheath
- 6 into the incision;

- 7 (c) advancing the endoscopic cannula to through tissue toward the
 8 pericardium under endoscopic visualization; and
- 9 (d) dilating a working cavity laterally expanding the sheath responsive to
 10 passing the endoscopic cannula through the expandable sheath to form a working
 11 cavity in dilated tissue.
- 1 35. (Currently Amended) The method of claim 34 wherein dilating the working cavity further comprises:
- dilating a working cavity laterally expanding the sheath responsive to

 removing withdrawing the endoscopic cannula to a point near from the sheath in a

 direction toward the proximal end of the expandable sheath thereof.
- 1 36. (Currently Amended) The method of claim 34 further comprising the 2 step of for:
- (e) dilating the working cavity to larger <u>lateral</u> dimensions <u>than the</u>

 endoscopic cannula responsive to insertion <u>into the expandable sheath</u> of surgical tools having dimensions greater than the <u>endoscopic</u> cannula into the expandable sheath.
- 1 37. (Currently Amended) The method of claim 34 further comprising the 2 steps of for:

- 3 (e) inserting into a proximate end of the expandable sheath a surgical tool for
- 4 performing a cardiac procedure into a proximate end of the expandable sheath in
- 5 which the surgical tool has a maximal <u>lateral</u> dimension greater than a maximal
- 6 <u>lateral</u> dimension of the expandable sheath overlying the <u>endoscopic</u> cannula;
- 7 (f) advancing the surgical tool within the expandable sheath to toward a
- 8 distal end of thereof to laterally expand the expandable sheath; and
- 9 (g) performing a cardiac procedure using the surgical tool.
- 1 38. (Withdrawn) An endoscopic cannula, comprising:
- a cannula, having an elongated body having arcuate shape and defining at
- 3 least one lumen;
- a tip positioned at a distal end of said elongated body, said tip having a
- 5 tapered distal end and being transparent for facilitating visualization through said
- 6 tip; and
- an endoscope, positioned at least partially in said at least one lumen for
- 8 providing visualization of a surgical procedure through said transparent tapered tip.
- 1 39. (Withdrawn) The endoscopic cannula of claim 38, wherein said
- 2 cannula is composed of a flexible material.